

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A security method for controlling access to a function of a digital television receiver, comprising the steps of:

(a) providing a software application at the receiver;

said software application being executable in response to an execution command;

(b) receiving providing data at the receiver from a headend, said data defining a condition of the receiver under which access to the receiver function by the software application is permitted;

(c) receiving information at the receiver from the headend, said information defining a security policy for said software application which contains a set of permissions for said software application;

(ed) providing a control signal for requesting access to the receiver function upon execution of said software application;

(de) in response to said control signal, determining whether ~~an associated~~ the security policy ~~for of~~ the software application contains a permission for the software application to access the receiver function;

(ef) if said security policy contains said permission:

(i) determining whether said condition of the receiver is met by data indicative of a current state of the receiver;

(ii) allowing the software application to access the receiver function if the condition is met; and

(iii) preventing the software application from accessing the receiver function if the condition is not met; and

(fg) if said security policy does not contain said permission, preventing the software application from accessing the receiver function.

2. (Original) The method of claim 1, wherein:
said condition indicates a conditional access state of the receiver.
3. (Original) The method of claim 2, wherein said conditional access state comprises at least one of:
a blackout state;
a pay-per-view state; and
an authorization state.
4. (Original) The method of claim 1, wherein:
said condition indicates a user state of the receiver.
5. (Original) The method of claim 4, wherein said user state comprises at least one of:
user preferences;
a user password; and
a user identifier.
6. (Original) The method of claim 5, wherein:
said condition indicates at least one of a time, date, and day.
7. (Original) The method of claim 1, wherein:
said condition is defined, at least in part, by said software application.
8. (Original) The method of claim 1, wherein:
said condition indicates that one of a channel and a group of channels is tuned by the receiver.
9. (Original) The method of claim 1, wherein:
the software application is downloadable to the receiver via a broadband television network.

10. (Cancelled).

11. (Original) The method of claim 1, wherein:
the software application comprises a Java code.

12. (Original) The method of claim 1, wherein:
the execution command is initiated by a user.

13. (Original) The method of claim 1, wherein:
the permission is associated with a user of the receiver.

14. (Original) The method of claim 1, wherein:
the condition is embedded in code that defines the permission.

15. (Original) The method of claim 1, wherein:
the software application is multicast to a receiver population including said receiver.

16. (Cancelled).

17. (Currently amended) A security apparatus for controlling access to a function of a digital television receiver, comprising:

(a) means for providing a software application at the receiver;

said software application being executable in response to an execution command;

(b) means for ~~providing~~ receiving data at the receiver from a headend, said data defining a condition of the receiver under which access to the receiver function by the software application is permitted;

(c) means for receiving information at the receiver from the headend, said information

defining a security policy for said software application which contains a set of permissions for said software application;

(ed) means for providing a control signal for requesting access to the receiver function upon execution of said software application;

(de) means for determining, in response to said control signal, ~~whether an associated~~ the security policy ~~of~~ for the software application contains a permission for the software application to access the receiver function;

(ef)(i) means for determining whether said condition of the receiver is met by data indicative of a current state of the receiver when said security policy contains said permission;

(ef)(ii) means for allowing the software application to access the receiver function if the condition is met, and when said security policy contains said permission;

(ef)(iii) means for preventing the software application from accessing the receiver function if the condition is not met, and when said security policy contains said permission; and

(fg) means for preventing the software application from accessing the receiver function if said security policy does not contain said permission.